

# ***MAC Plan***

Mokelumne / Amador / Calaveras Integrated  
Regional Water Management Plan

***Mountain Counties Water  
Resources Association  
IRWM Regional Forum***

April 2, 2012

***Upper Mokelumne River Watershed Authority***



# Outline

- Original Mokelumne-Amador-Calaveras IRWM Plan
- MAC IRWM Changes in 2009
- UMRWA and MAC Region boundary
- MAC Plan Update Organizational Structure
- Current MAC Plan Update and Plan Reorganization
- Summary:
  - Priorities
  - Recent Accomplishments
  - Challenges
  - Lessons learned

# Original MAC IRWMP - 2006

- First MAC Plan developed under MOU between water agencies and cities in Amador and Calaveras Counties
- Established a Mokelumne-Amador-Calaveras (MAC) Region
- Stakeholder process employed to develop regional goals, objectives and priorities
- Identified and prioritized water resource projects
- Developed implementation program for plan

# MAC IRWM Changes in 2009

- UMRWA (Mokelumne River Watershed Authority) assumed role as the 'Regional Water Management Group' (RWMG)
- MAC Region approved as IRWM region, and UMRWA as the RWMG, through the Region Acceptance Process (RAP)
- MAC's boundaries revised and governance structure modified
- MAC Plan sections updated (public outreach, governance, and boundary)

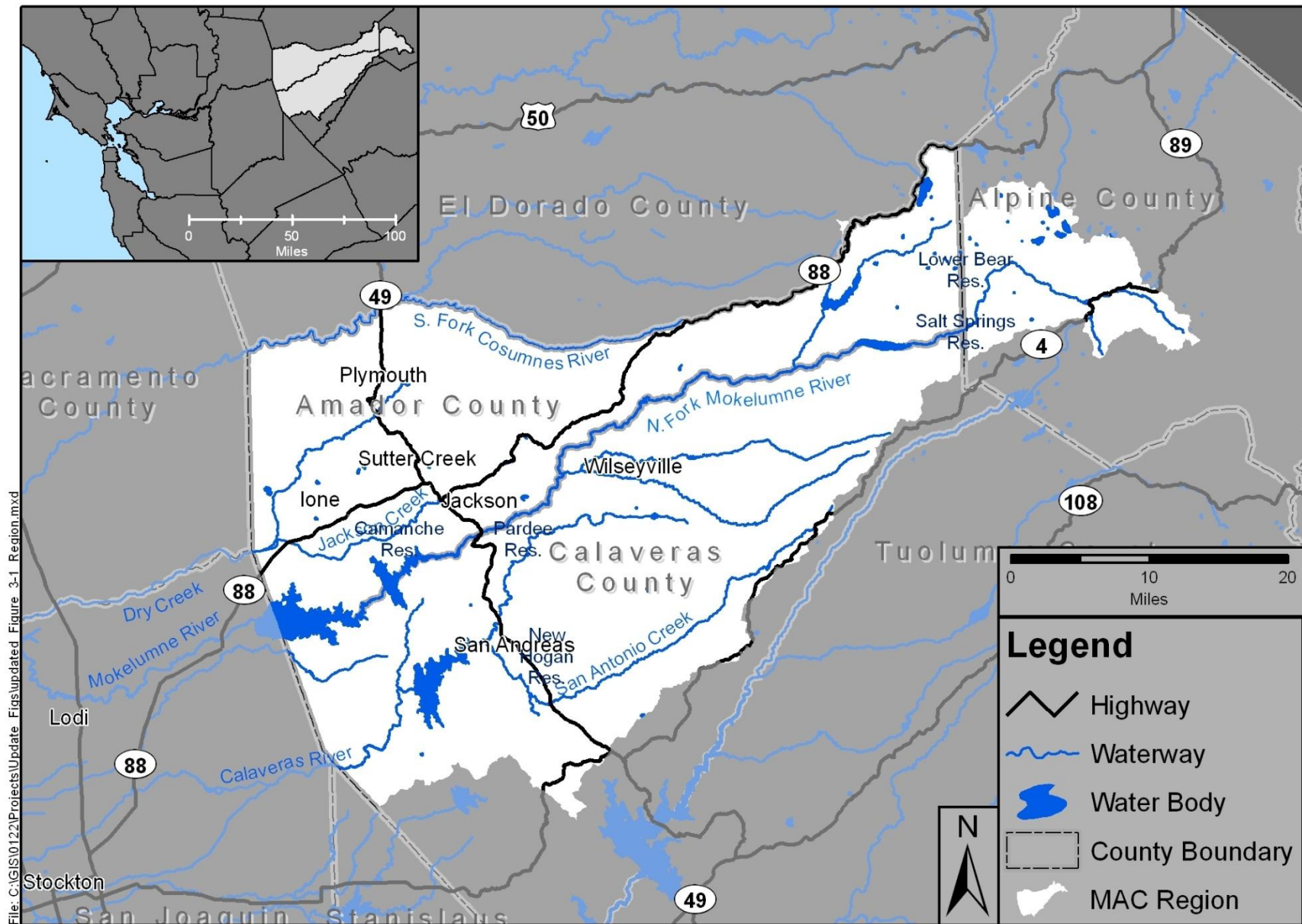
# Upper Mokelumne River Watershed Authority - UMRWA

- JPA formed in 2000
- Purpose: address mutual concerns regarding
  - Water quality
  - Water supply
  - Environment
- Eight member Board of Directors
- Supported by Executive Officer (quarter-time)

## Authority Members

- Alpine County
- Alpine County Water Agency
- Amador County
- Amador Water Agency
- Calaveras County
- Calaveras County Water District
- Calaveras Public Utility District
- East Bay Municipal Utility District
- Jackson Valley Irrigation District

# MAC Region

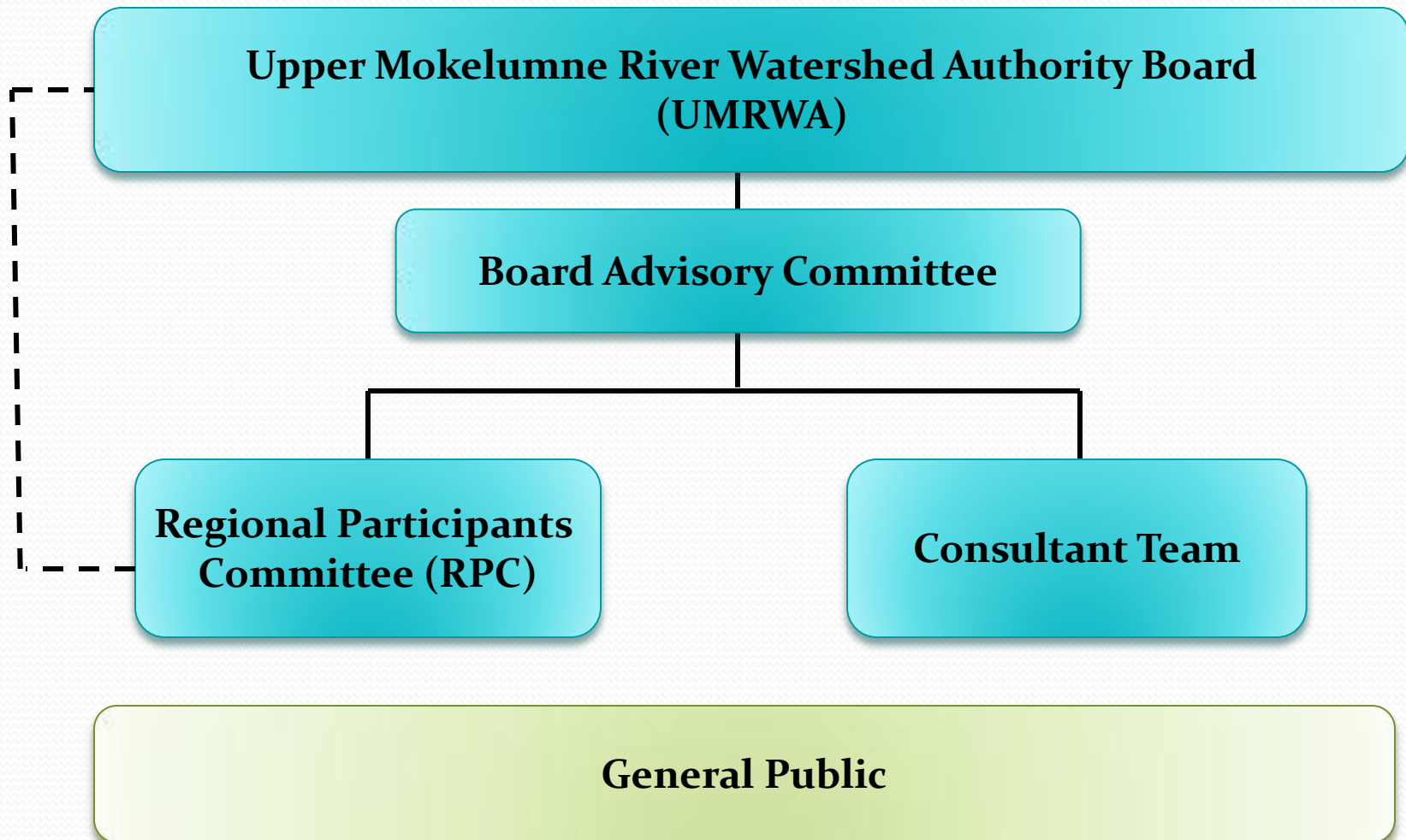


File: C:\GIS\10122\Projects\Update Figs\updated Figure 3-1 Region.mxd

Source: CaSIL; USBR; ESRI

**MAC IRWMP Region**

# MAC Plan Organization





# Multiple-Level MAC Plan Organizational Structure

- Creates open and inclusive stakeholder process thru the Regional Participants Committee (RPC)
- Provides a systematic decision-making process with Governing Board final arbiter of disputes
- Provides means for efficient contracting and grant writing and fiscal accountability
- Provides opportunity for MAC Plan to fairly reflect regional needs and potential water resource solutions



# Roles & Responsibilities

## Regional Participants Committee (RPC)

- Members represent organization's interests
- Good-faith effort to constructively participate
- Adopt/support final updated plan

## Board Advisory Committee

- Resolve issues that may arise at RPC meetings
- Advise Board on all MAC Plan matters
- Recommend updated plan for adoption

## UMRWA Board of Directors

- Serves as lead agency; provides policy guidance and fiscal accountability for updating the MAC Plan
- Considers unresolved RPC issues
- Adopts updated MAC Plan

# Current MAC Plan Update

## MAC Plan Update purpose and goals:

- Update 2006 MAC Plan per IRWM Guidelines
- Revise 2006 MAC Plan goals and objectives to reflect present needs and circumstances
- Update projects and priorities
- Revise plan structure/organization to improve usability as a regional planning document

# Updated MAC Plan Structure/Organization

## **Chapter 1 MAC Region**

- 1.1 Regional Geography
- 1.2 Water Resource Conditions
- 1.3 Climate Change
- 1.4 Water Resource Issues and Major Conflicts

## **Chapter 3 Goals, Objectives and Strategies**

- 3.1 Goals and Objectives
- 3.2 Resource Management Strategies

## **Chapter 2 Governance**

- 2.1 UMRWA – Regional Water Management Group
- 2.2 Governance Structure
- 2.3 Stakeholder Involvement
- 2.4 Integration
- 2.5 Coordination with Other IRWM Regions and State/Federal Agencies
- 2.6 Plan Adoption and Future Updates

## **Chapter 4 Implementing Projects and Programs**

- 4.1 IRWM Projects
- 4.2 Coordination with Water and Land Use Agencies
- 4.3 Impact and Benefit Analysis
- 4.4 Financing Plan
- 4.5 Technical Analysis

## **Chapter 5 Plan Administration**

- 5.1 Plan Performance and Monitoring
- 5.2 Data Management

# Summary

## Priorities:

- Use MAC Update process to motivate stakeholders to collaborate on mutually advantageous project proposals
- Complete updated Plan that is useful to and fully supported by stakeholders

## Recent Accomplishments:

- Awarded \$2.3 million Implementation Grant
- Established MOU w/adjoining ESJ Region; jointly funded and developed Interregional Plan Grant application for *MokeWISE Program*



# Summary (continued)

## Challenges:

- Securing and sustaining stakeholder interest and participation (agencies, city/county departments, NGOs)
- Crafting meaningful objectives and measurable performance measures
- Making MAC Plan relevant and useful (i.e. beyond serving as basis for project grant funding)
- Finding funding to sustain MAC Region IRWM program

## Lessons Learned:

- Prevalent local agency view: regional water resource planning a low funding priority relative to day-to-day agency needs
- DWR grant administrative rules are sufficiently onerous that they preclude small agencies/NGOs from applying for funding